

Figure 1. Relationship between Transformation Frequency and Distance of *H. influenzae* Ciprofloxacin Resistance *gyrA* Mutation from End of Fragment

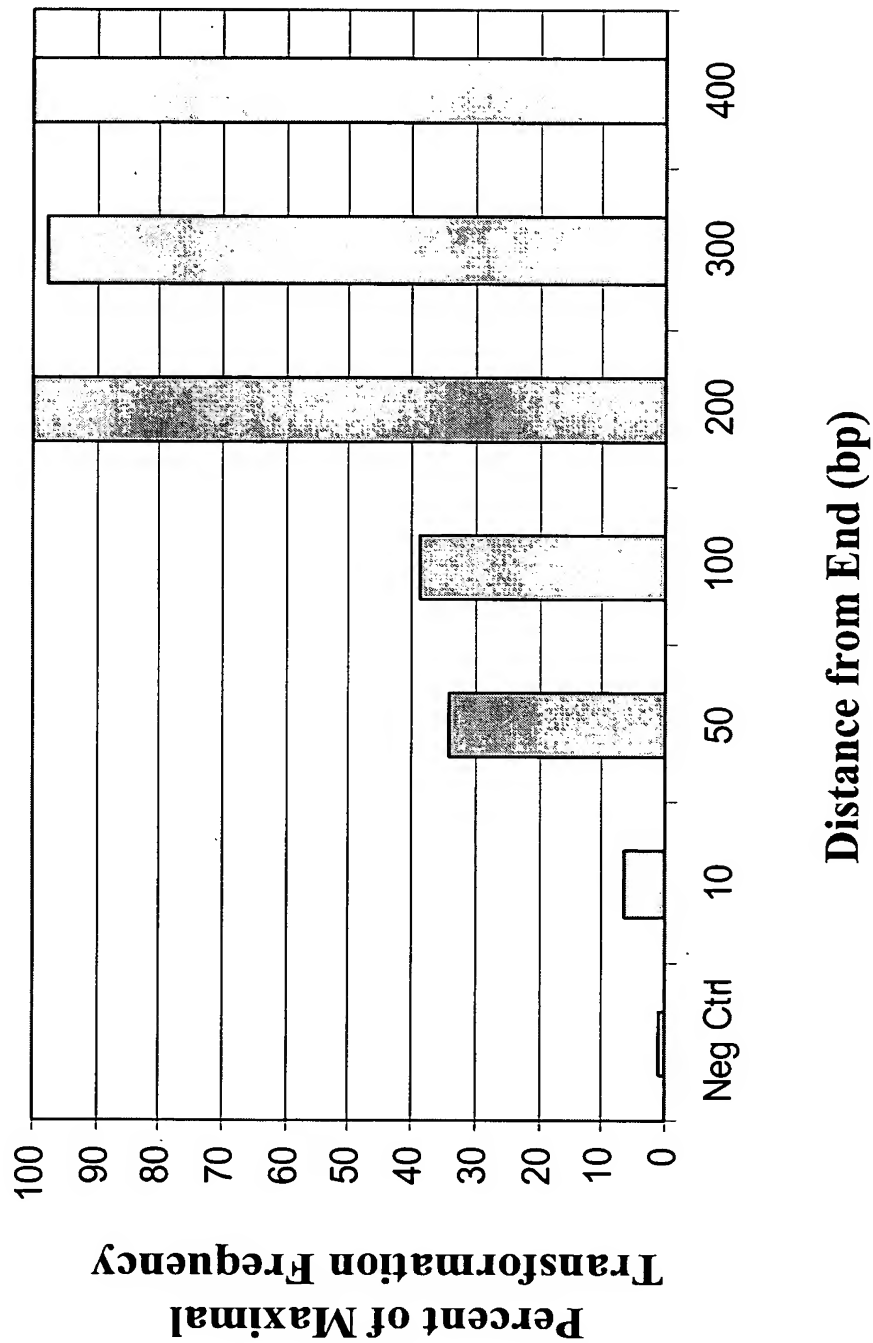


Figure 2. Relationship between Transformation Frequency and Length of Restriction Fragments using Abbott A-583 Resistant *fadL* *H. influenzae* strain FLUSKO.

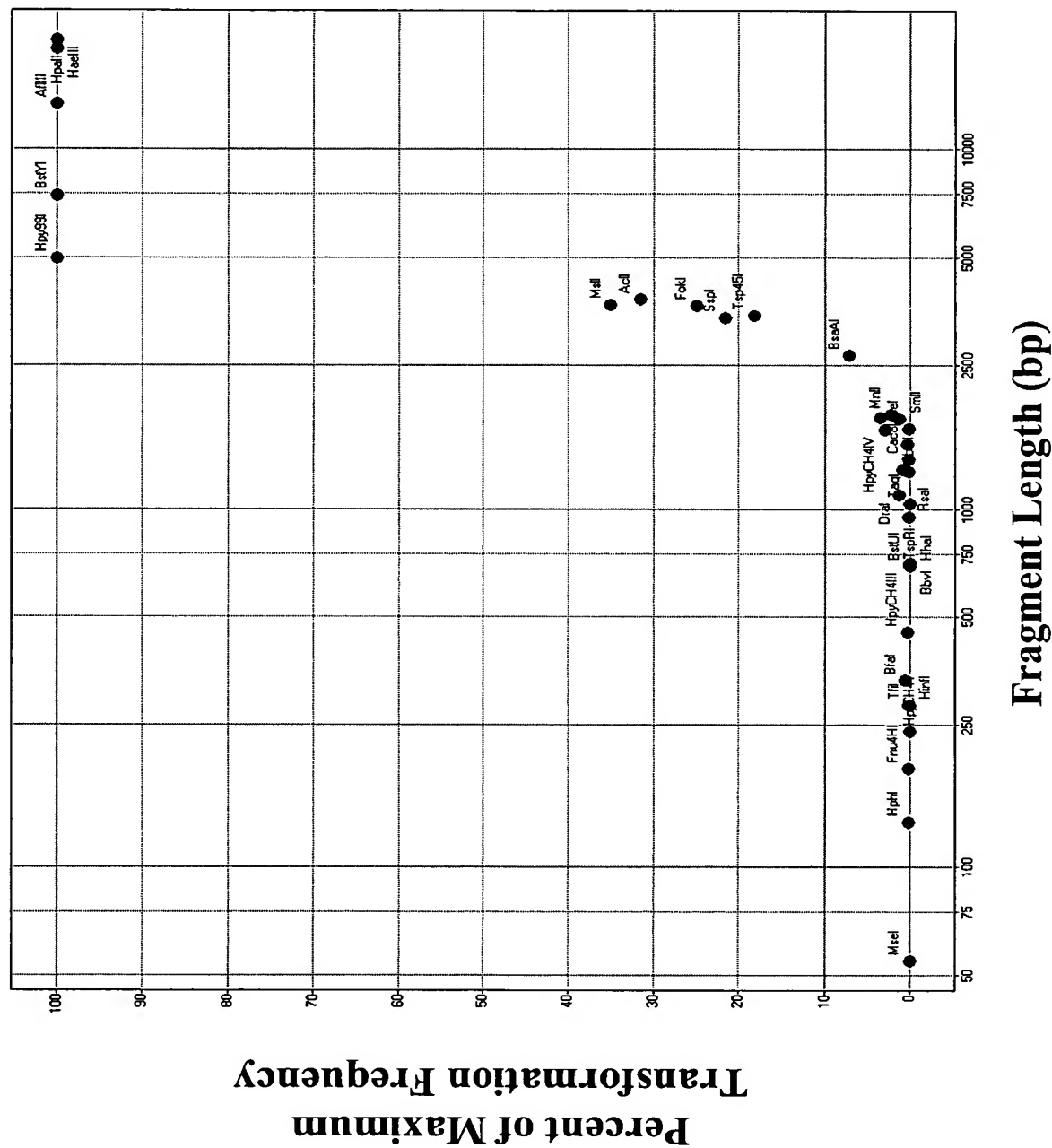


Figure 3. *B. subtilis rpoB* Rifampacin Resistance Mutation

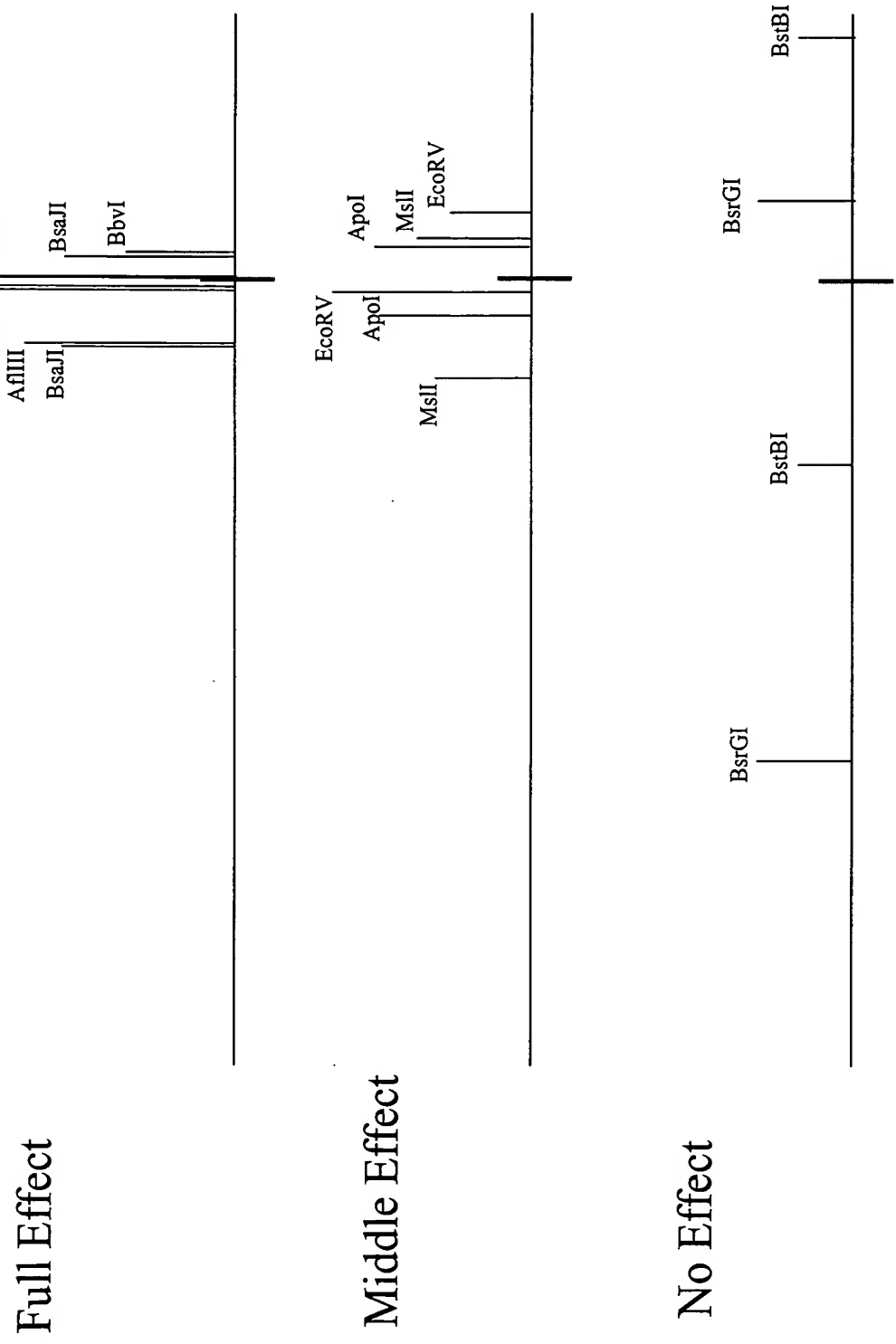


Figure 4. *B. subtilis* Random Site Location Plot with Rifampacin Resistance Data

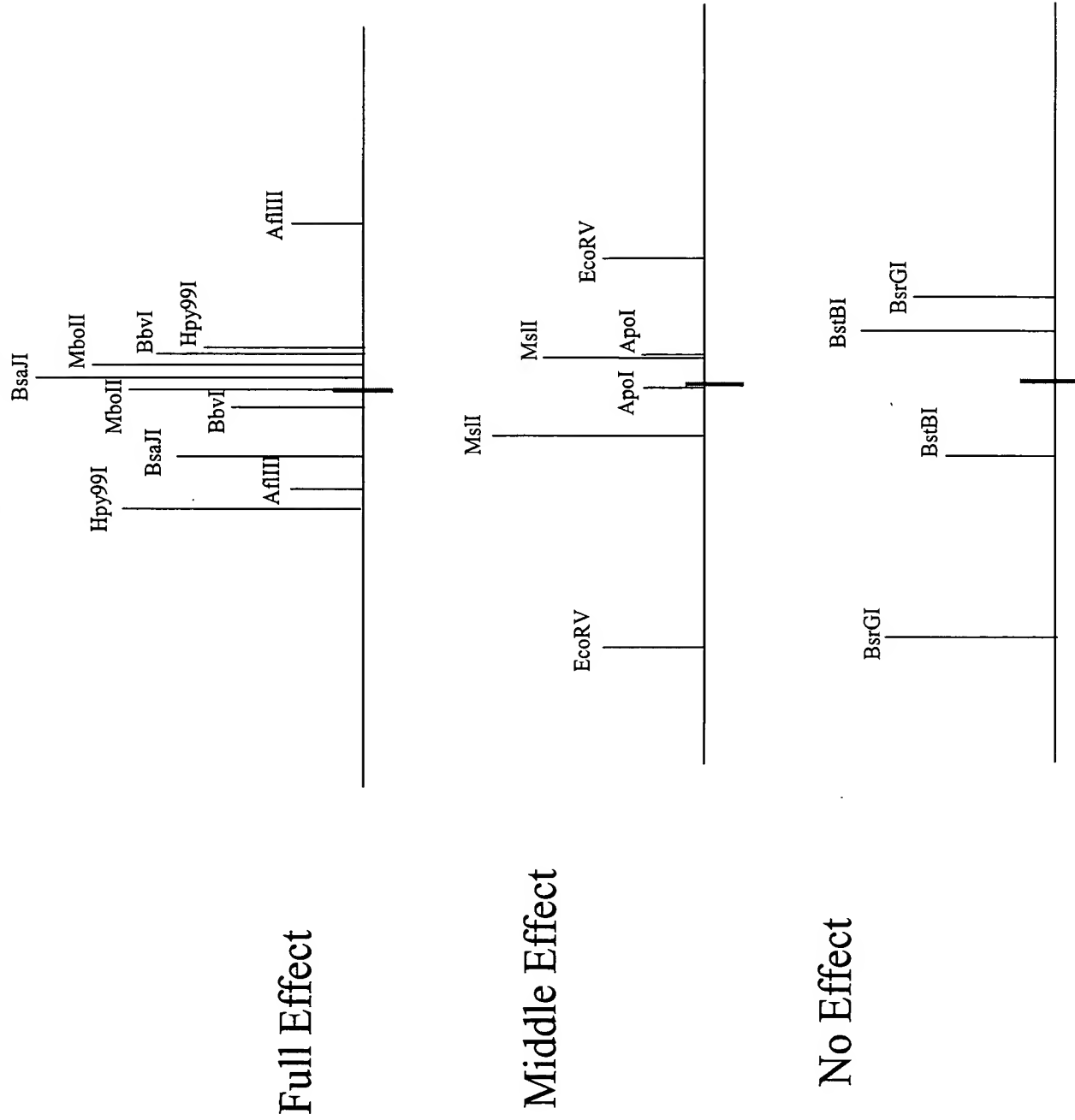


Figure 5. *B. subtilis* Rifampacin Resistance signature at *rpoB* and random loci

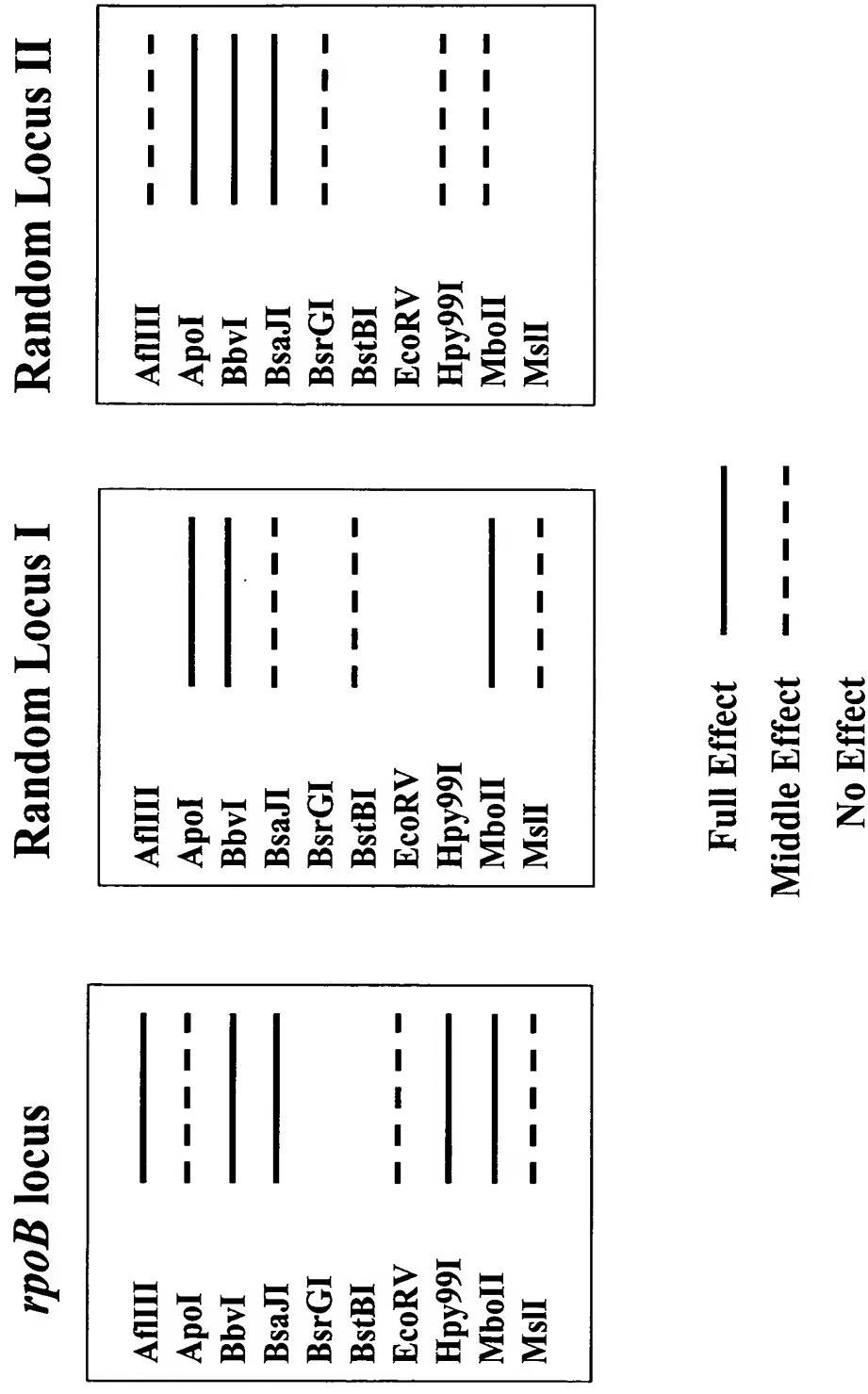
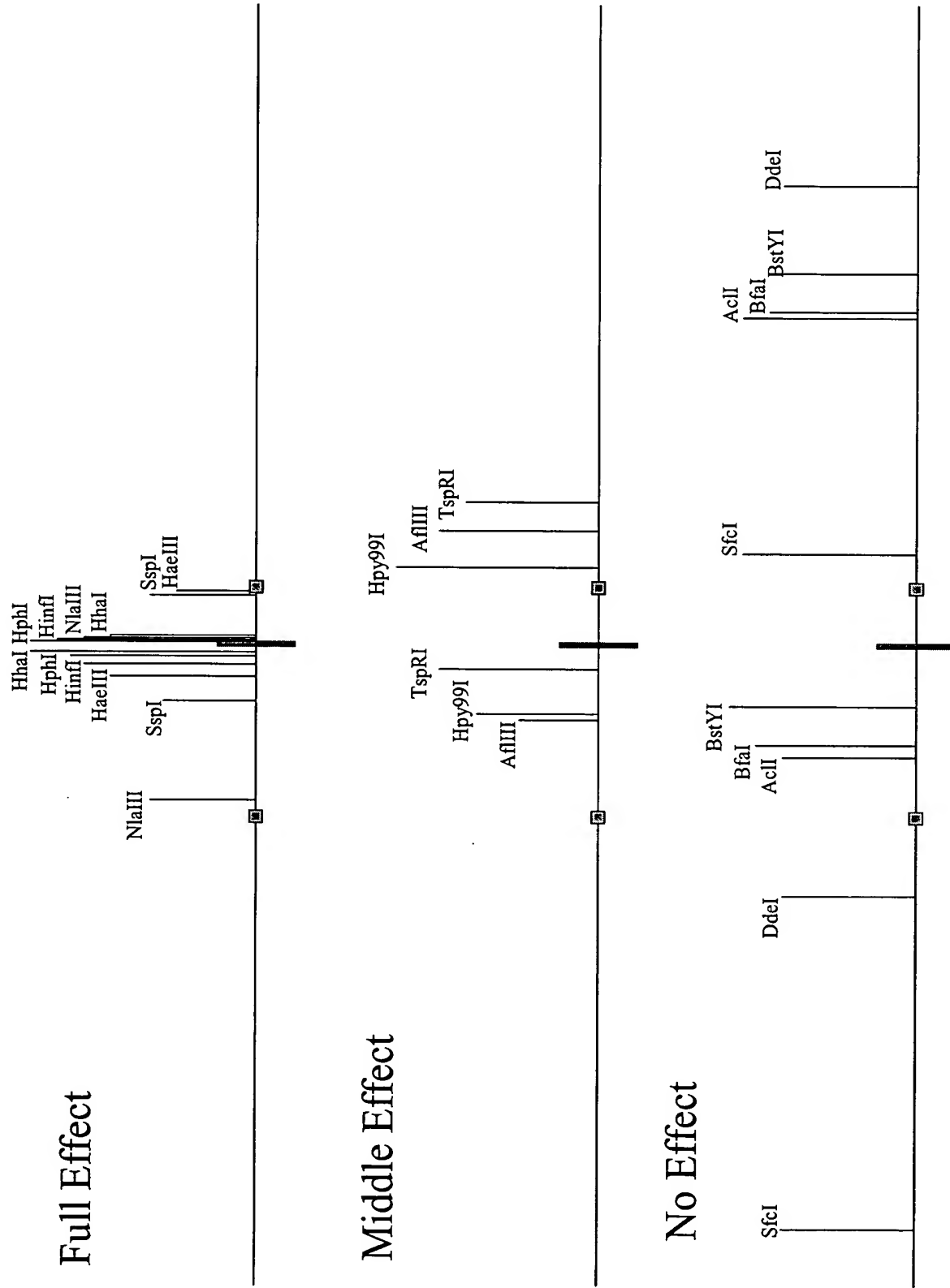


Figure 6. *H. influenzae gyrA* Ciprofloxacin Resistance Mutation



**Figure 7. *H. influenzae* Random Location Plot with
Ciprofloxacin Resistance Data**

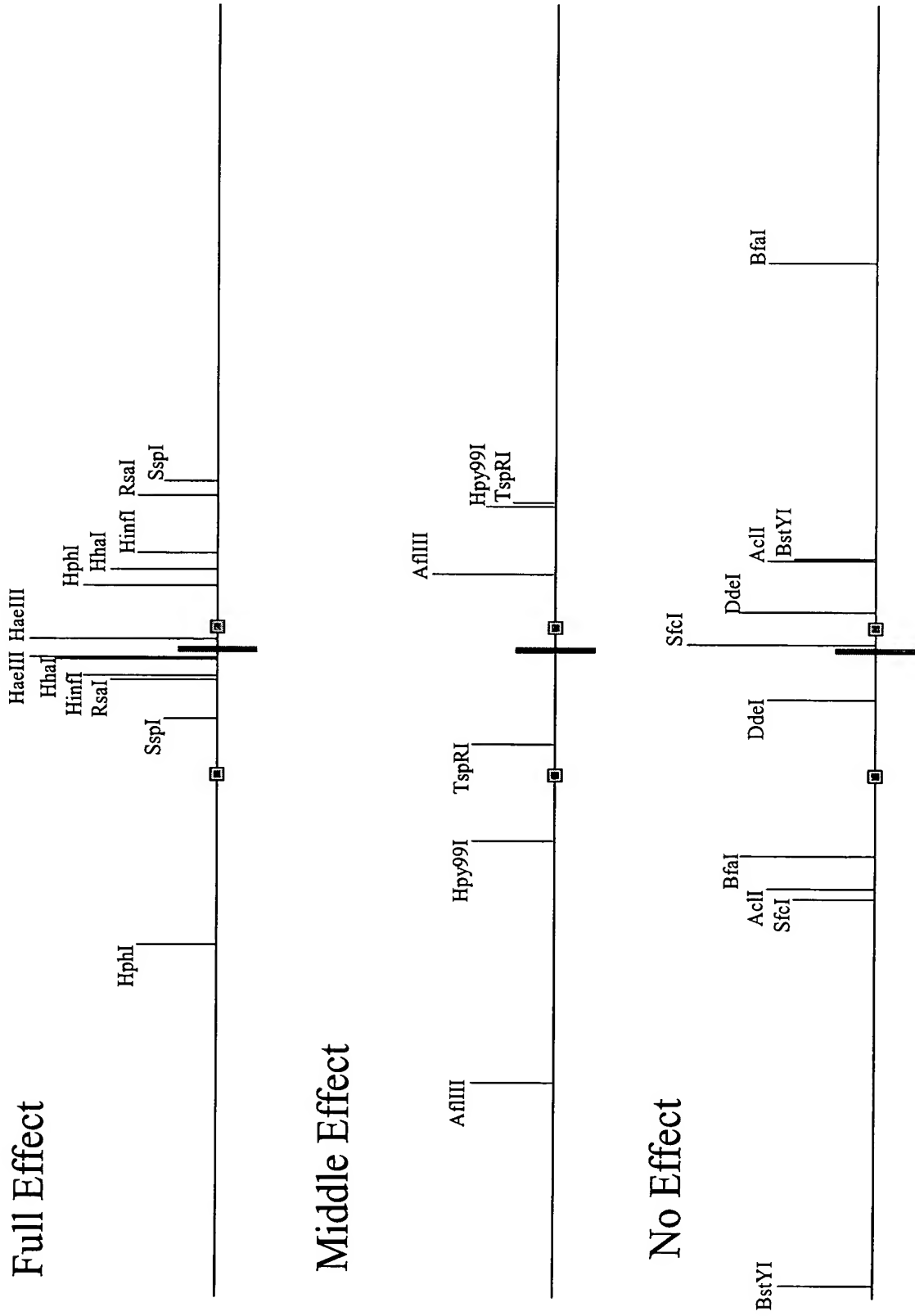


Figure 8. *H. influenzae* Ciprofloxacin Transformation signature at *gyrA* and random loci

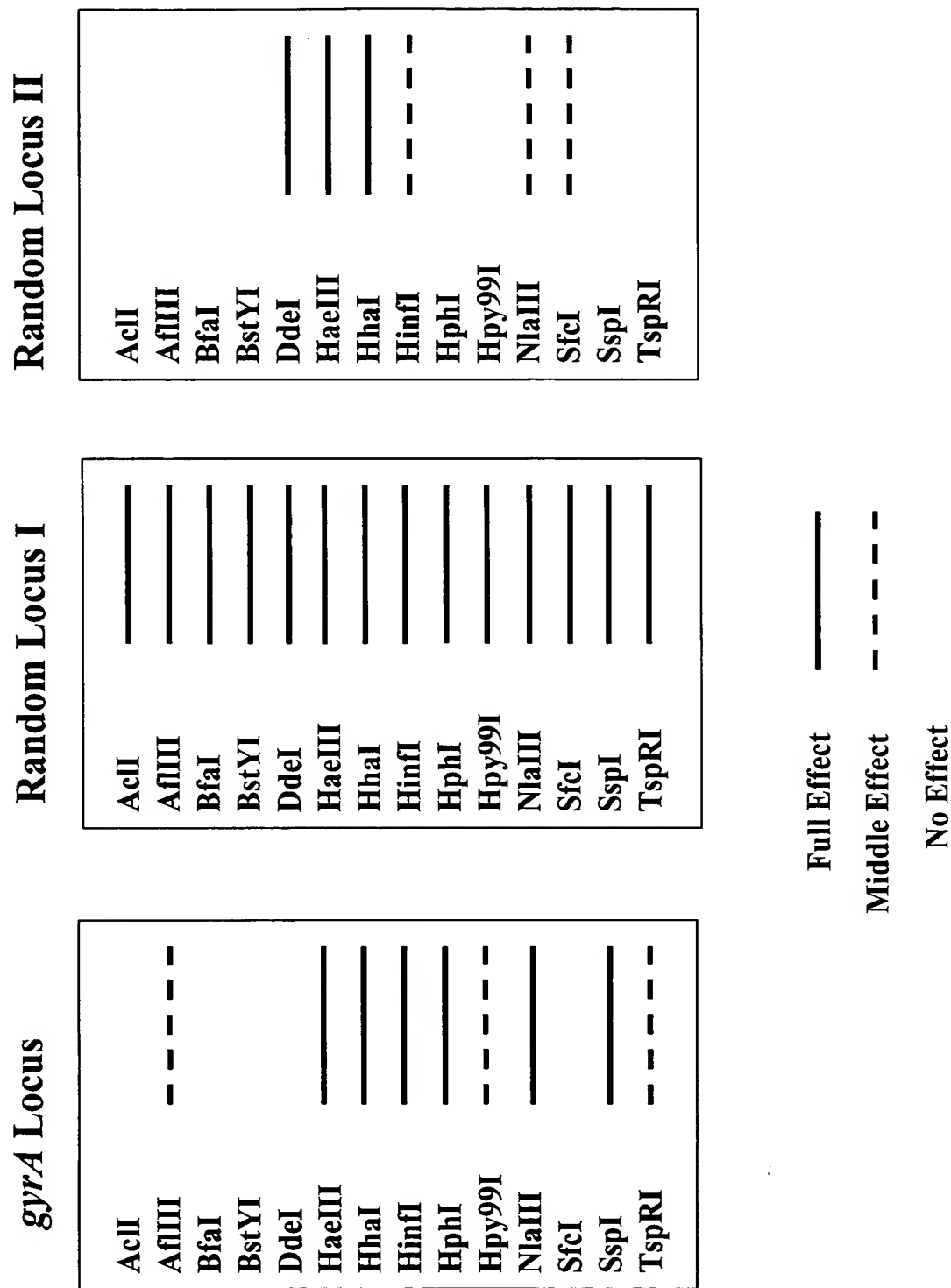


Figure 9. Ciprofloxacin Resistance, *gyrA*

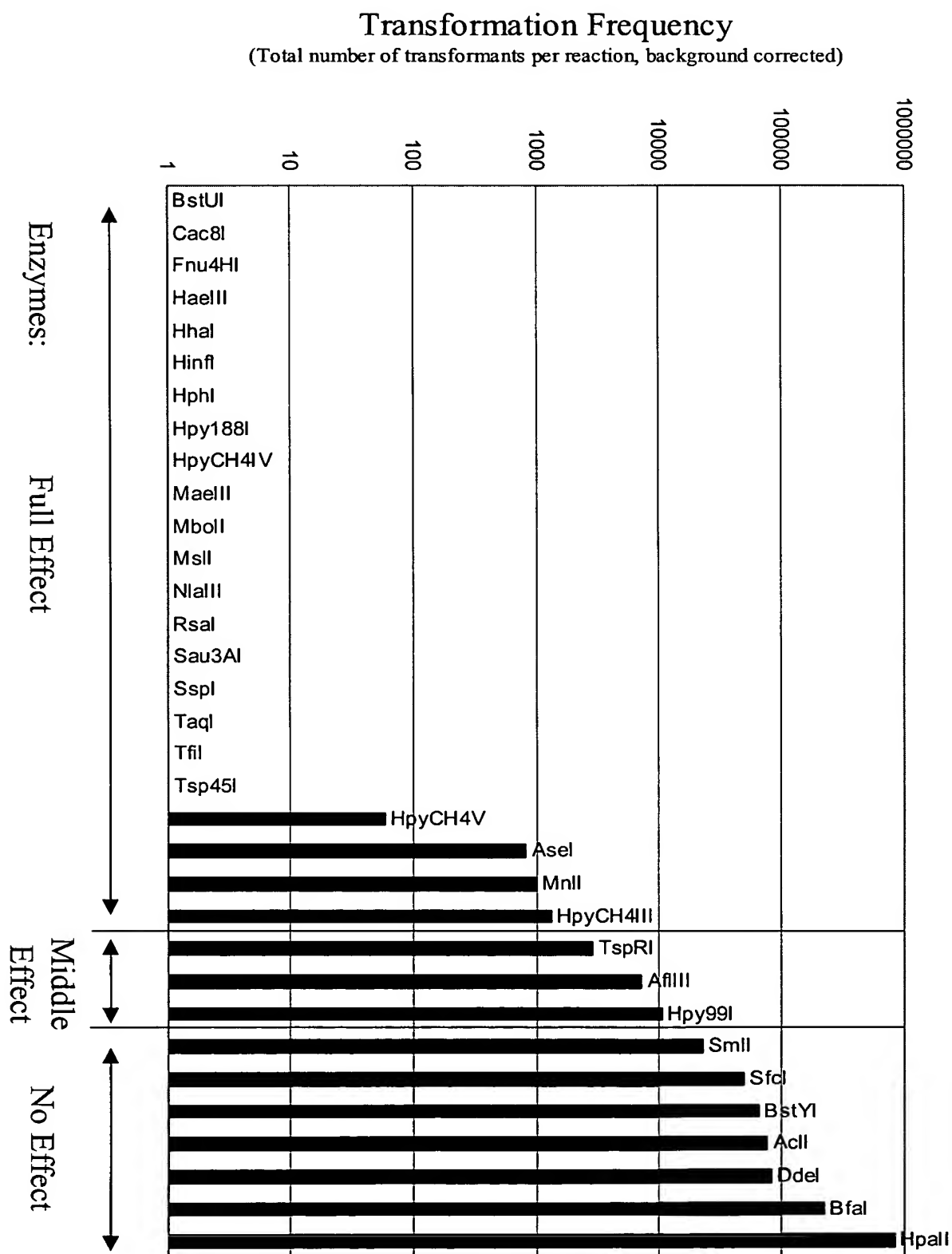


Figure 10. Novobiocin Resistance, *gyrB*

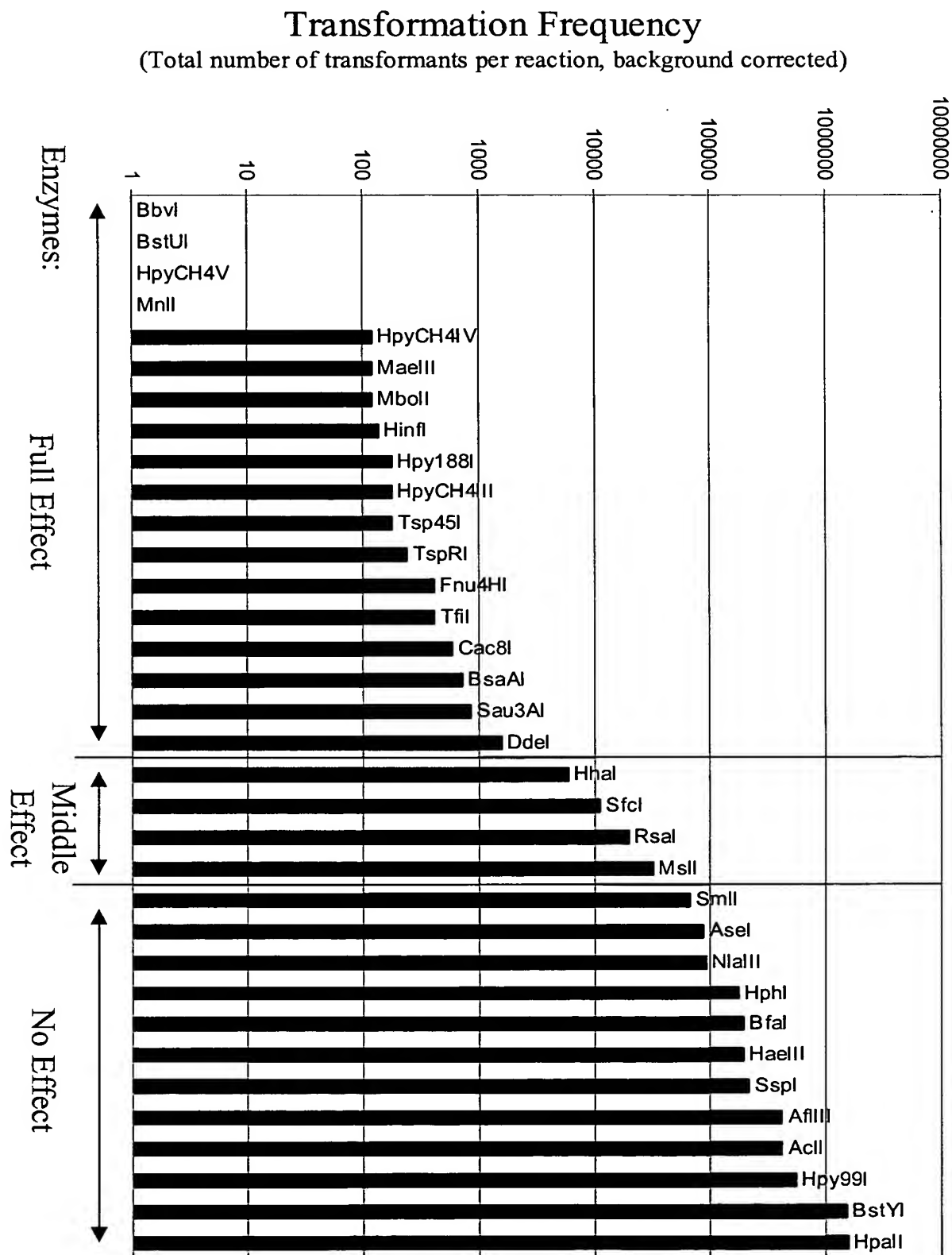


Figure 11. Spectinomycin Resistance, *rpS5*

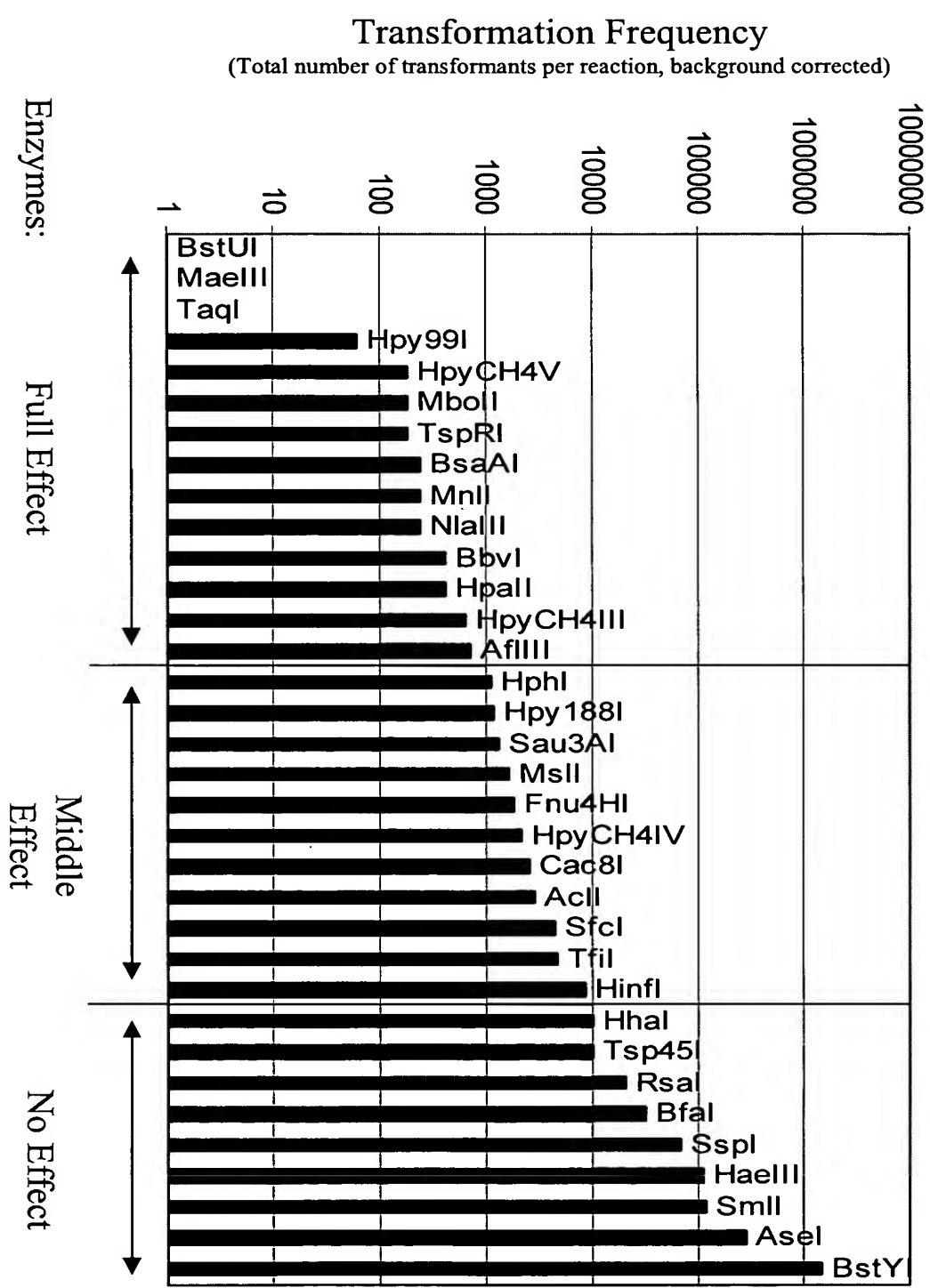
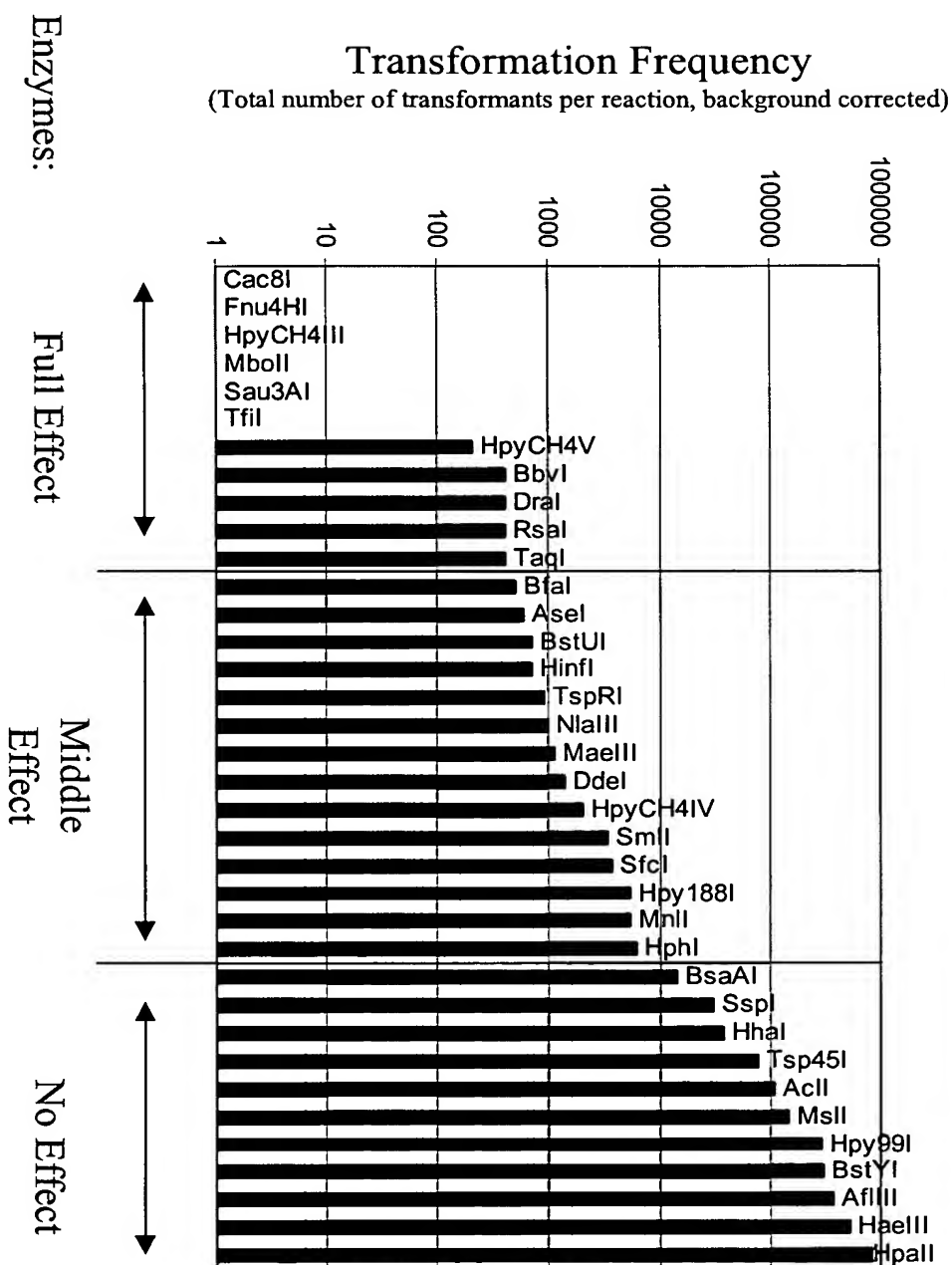


Figure 12. A-583 Resistance, *fadL*



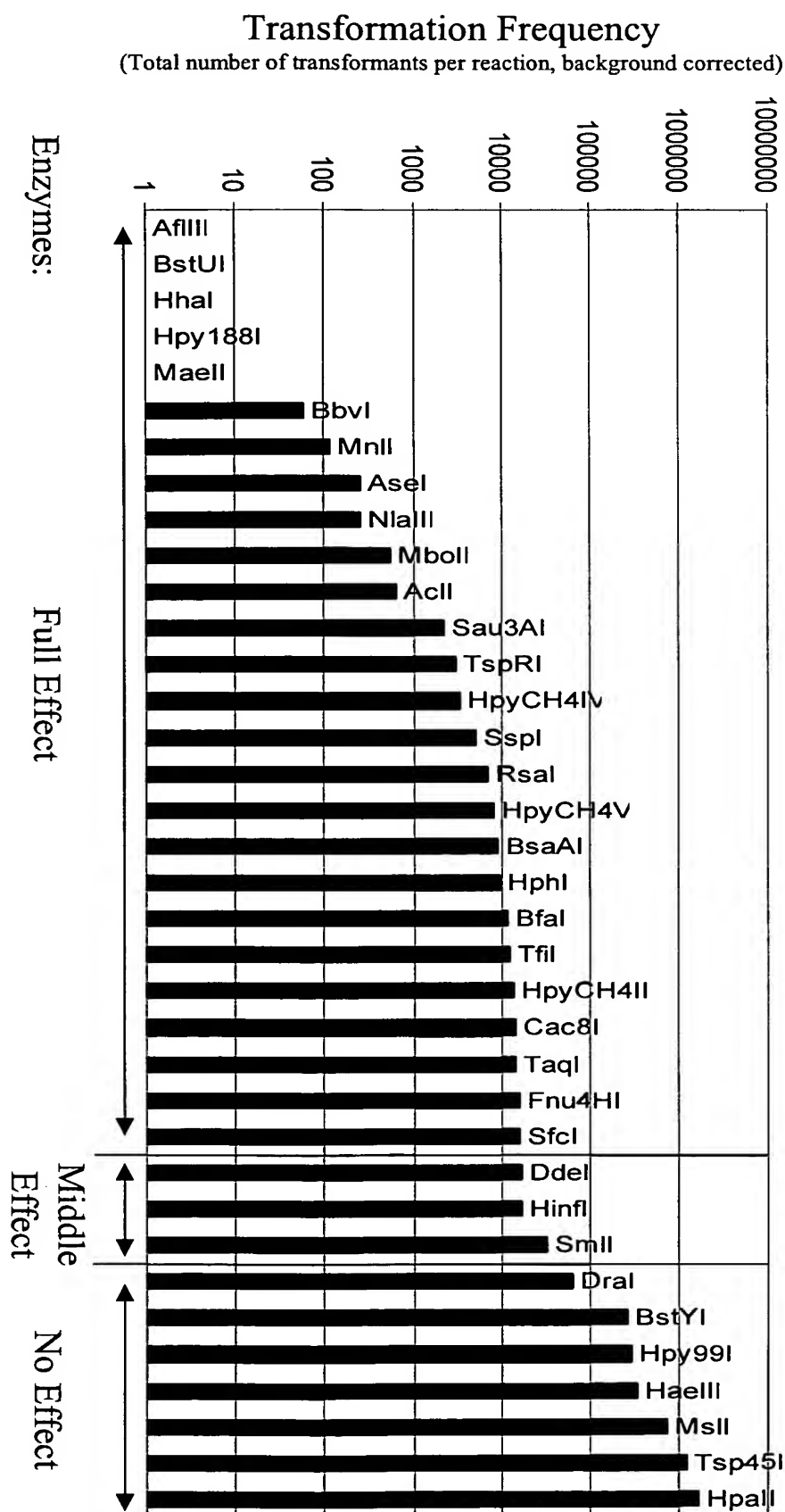


Figure 13. A-568 Resistance, *acrB*

**Figure 14. Composite Bar Code Representation of Restriction
Enzyme Digest Transformation Frequency Signatures for
H. influenzae Mutants**

